

Applicant: Kenneth H. Falchuk
USSN: 10/008,356 Filed: November 13, 2001
Atty.: John P. Iwanicki, Reg. No. 34,628
BANNER & Witcoff, Ltd. (617) 720-9600
28 State Street, 28<sup>th</sup> Floor, Boston, MA 02109
Attorney Docket No. 10498-00028 SHEET 1 OF 18

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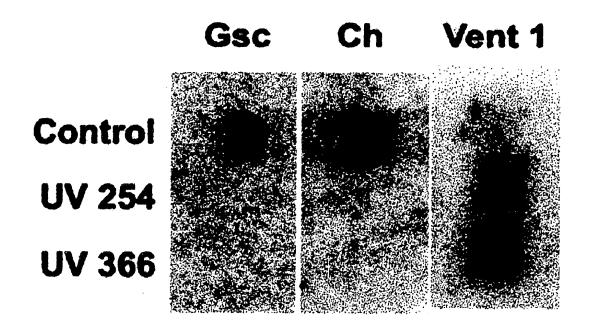


FIG. 1



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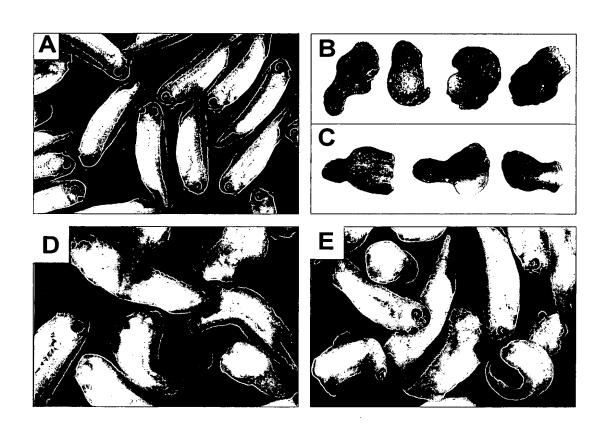


FIG. 2



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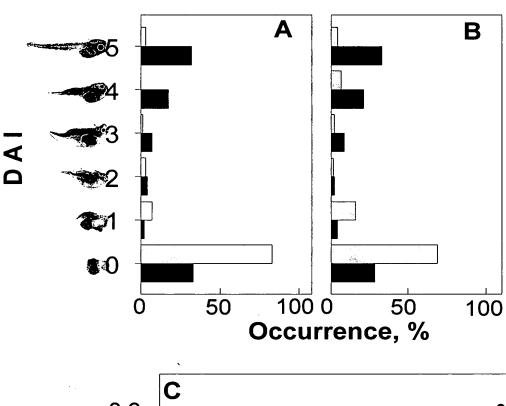
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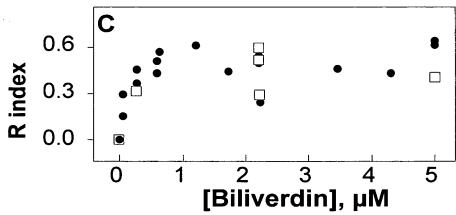


FIG. 3

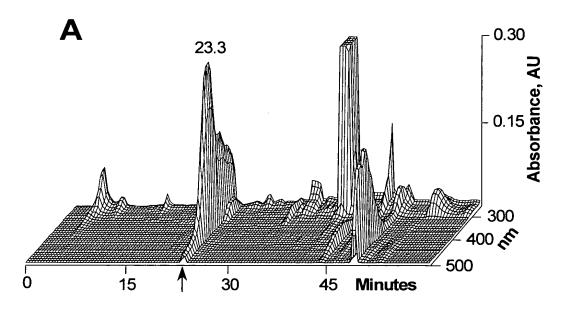


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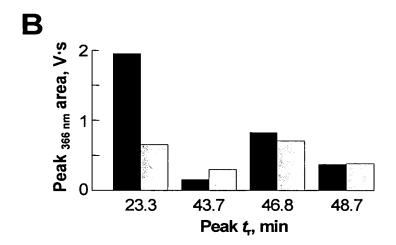


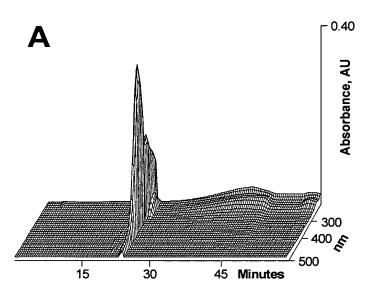
FIG. 4

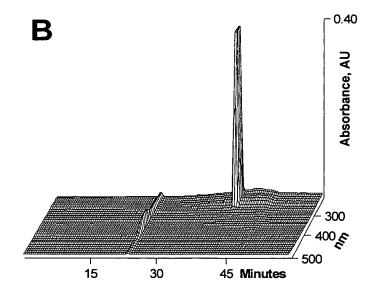


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**FIG. 5** 



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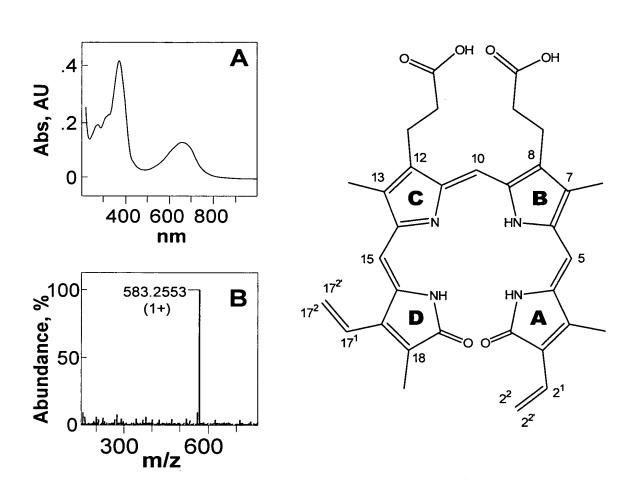


FIG. 6

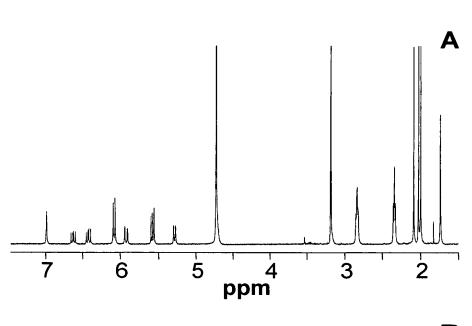


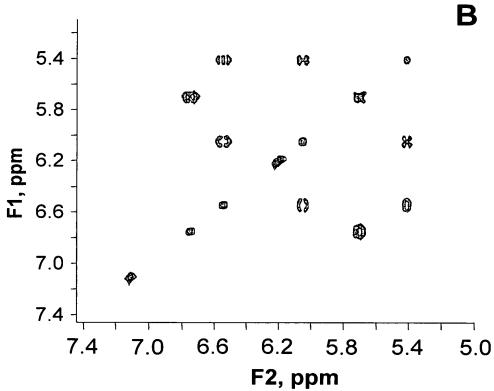
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**FIG. 7** 



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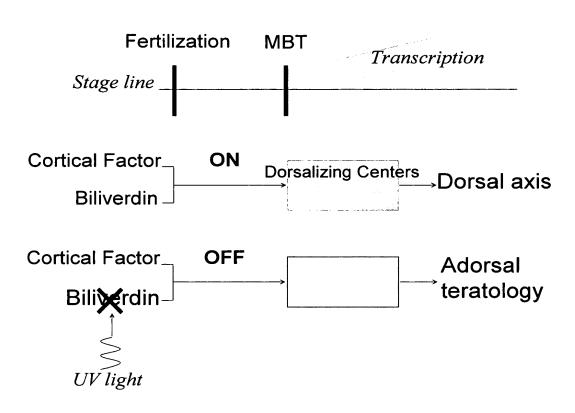
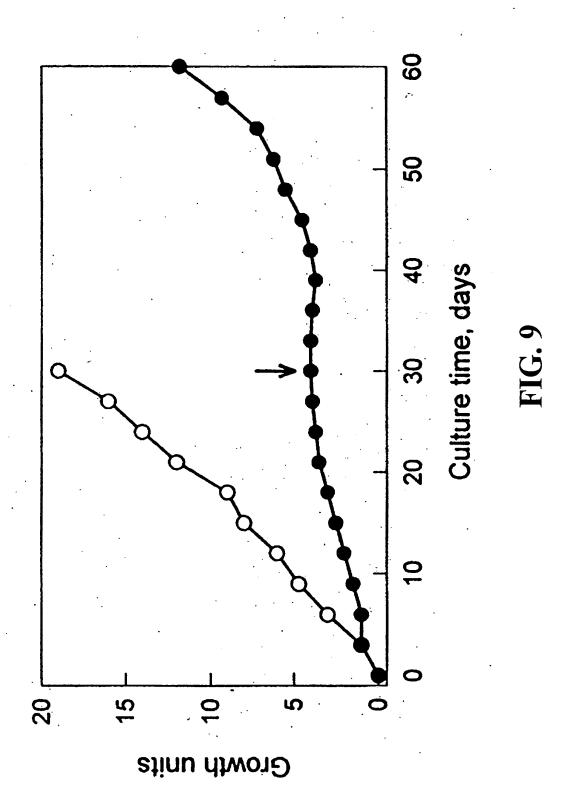


FIG. 8

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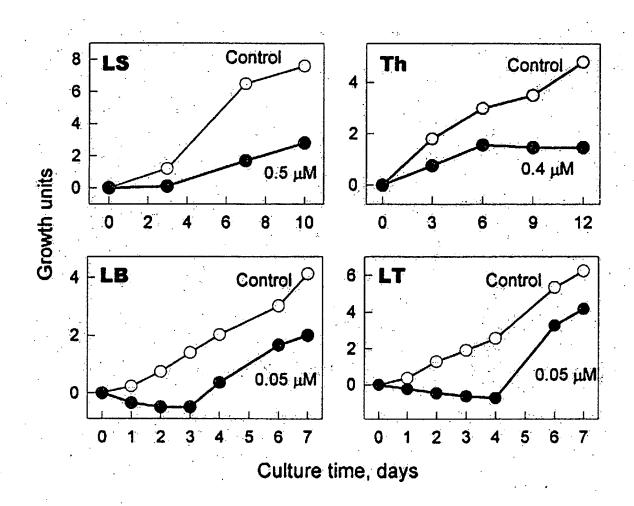


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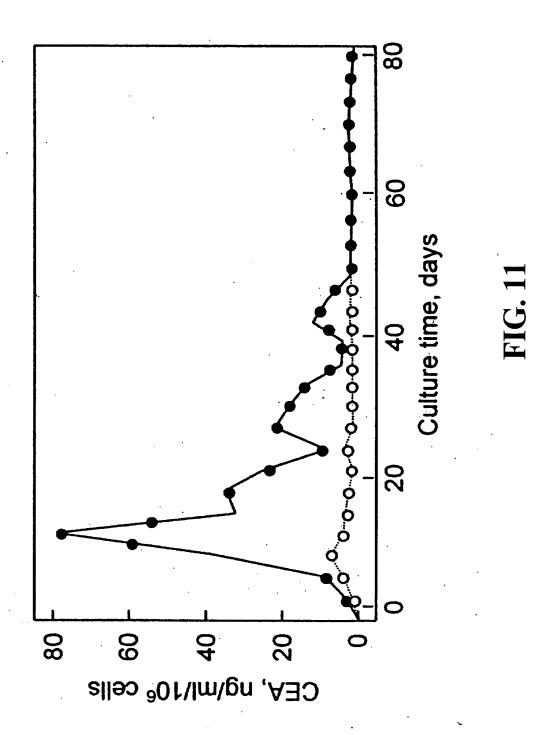


**FIG. 10** 

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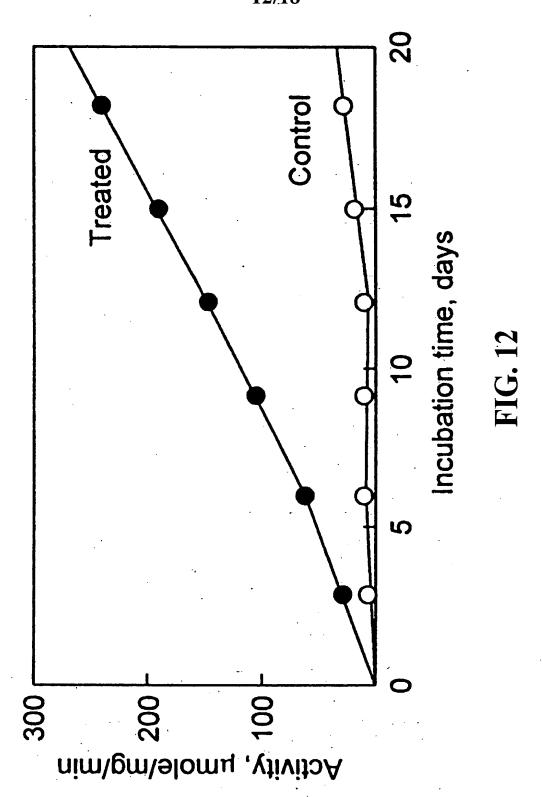


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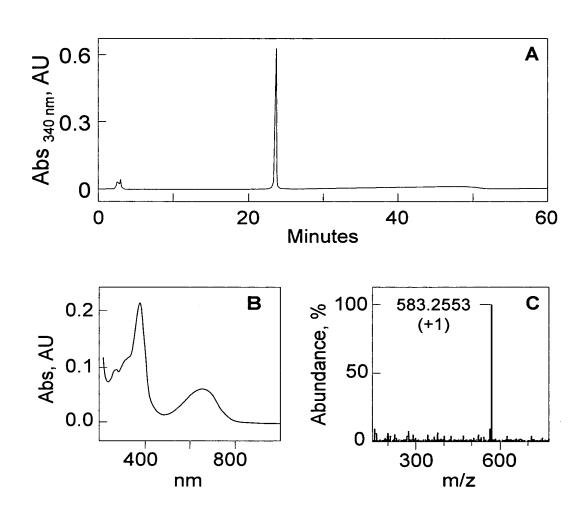




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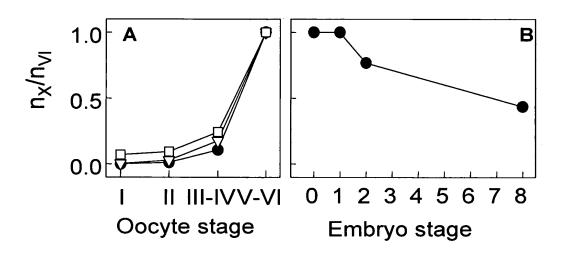


**FIG. 13** 



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**FIG. 14** 

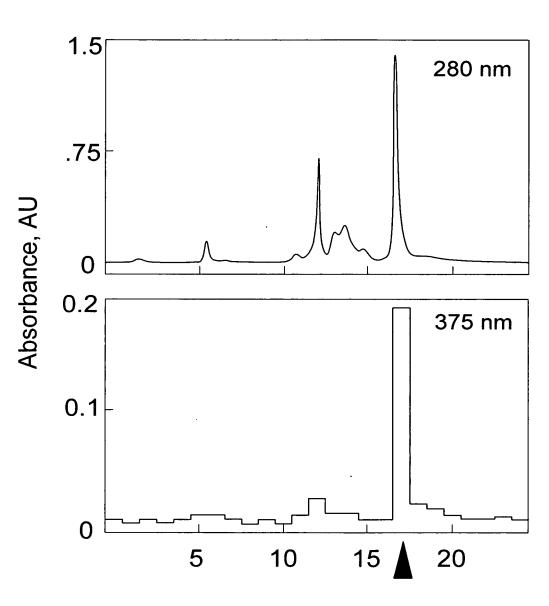


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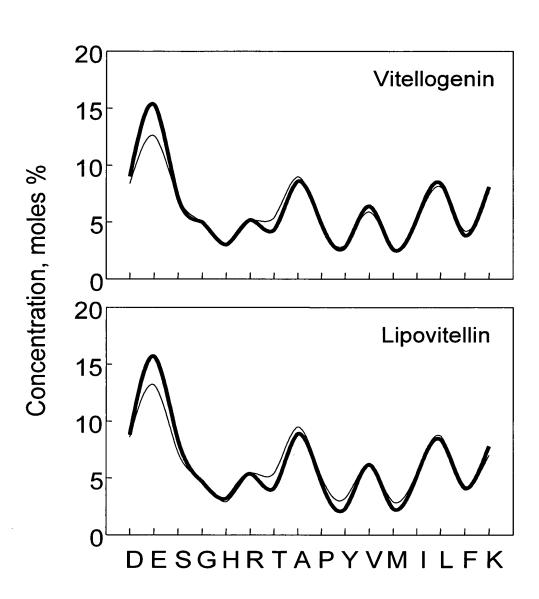
**FIG. 15** 



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**FIG. 16** 

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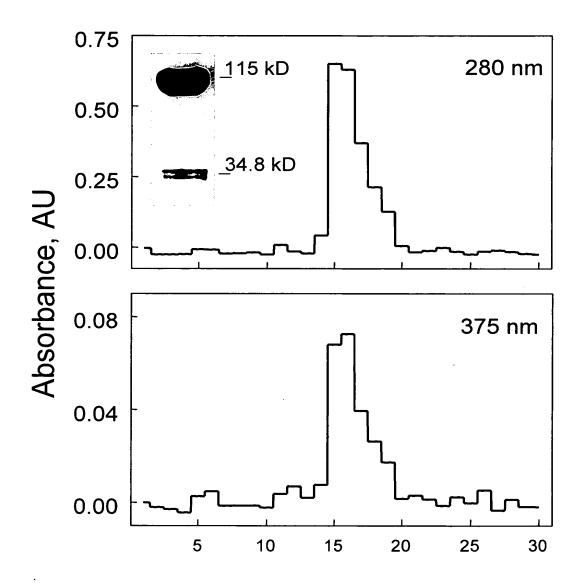
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**FIG. 17** 



<u>(a</u>

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18/18 First mitosis Fertilization Org Storage Oocyte yolk platelets multivesicular **Processing** Oocyte Switch ON activity bodies Embryo at later Up to several years membrane Oocyte Import Storage **Embryo before** Interaction (?) first mitosis Transport Blood Factor(s) Cortical Induction and synthesis Immediately after Synthesis Release (?) fertilization Liver processing Import and